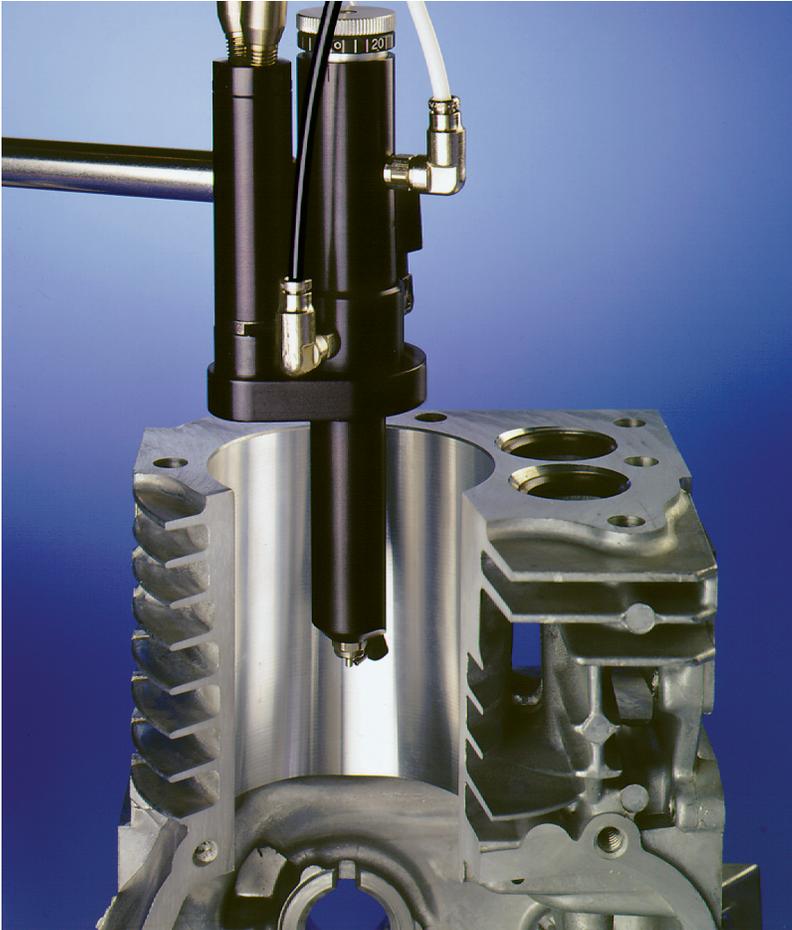


# 782RA Series Radial Spray Valve

Uniform 360° coating of lubricants, primers, and other fluids



Unique 782RA Series air-actuated spray system applies uniform 360° coating of lubricants, primers, and other low-to-medium viscosity fluids inside cylinders 25.4 mm to 304.8 mm (1 in. to 12 in.) in diameter.

Low volume, low pressure (LVLP) air is used to atomize the fluid, while a precision air motor drives a rotating air cap, which produces the radial output.

## Features and Benefits

- Adjustable nozzle air
- High transfer efficiency
- No mist or overspray
- Self-adjusting PTFE packings
- Cycle rate exceeds 300/minute
- Adjustable fluid flow rate
- Low-maintenance design

## For use with

- Accelerators
- Activators
- Lubricants
- Primers
- Solvents

Unique design uses a precision air motor and Low Volume Low Pressure technology.



*"Your valve did such a good job there's no reason to look elsewhere. I know it works."*

*— DLS Automation*

Part #	Description
7021649	782RA Radial Spray Valve



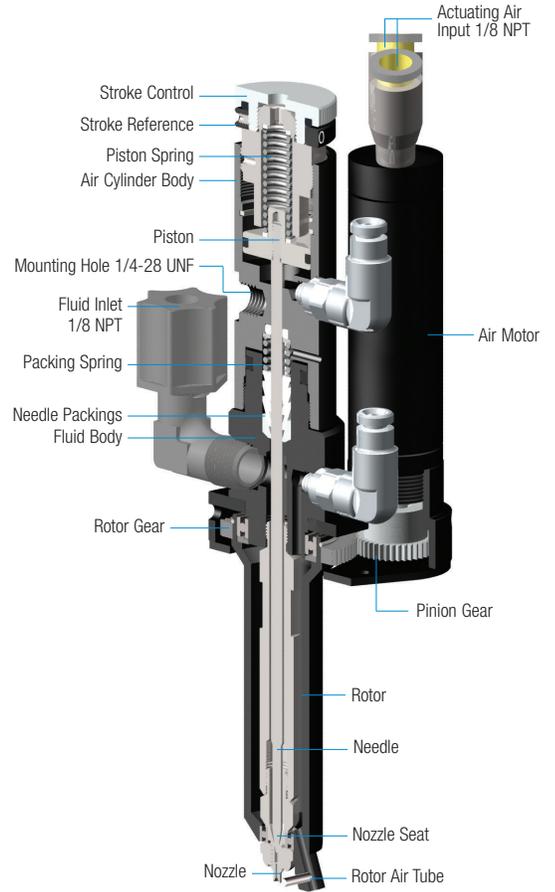
more info



## Specifications

Item	Specification
Size	174.5L x 53.8DIA mm (6.87L x 2.12DIA")
Weight	480.8 g (16.9 oz)
Motor air consumption	<0.3 SCFM at 5.4 bar (80 psi)
Nozzle air consumption	1.5 SCFM at 2.1 bar (30 psi)
Actuating air pressure required	4.8–6.2 bar (70–90 psi)
Maximum fluid pressure	20.7 bar (300 psi)
Fluid inlet	1/8 NPT female
Mounting	1/4-28 UNF tapped hole
Cycle rate	Exceeds 300 per minute
Air cylinder body	Hard-coated anodized aluminum
Fluid body	Hard-coated anodized aluminum
Piston	303 stainless steel
Needle and nozzle	Stainless steel
Rotor	Hard-coated anodized aluminum
Warranty	1 year, limited

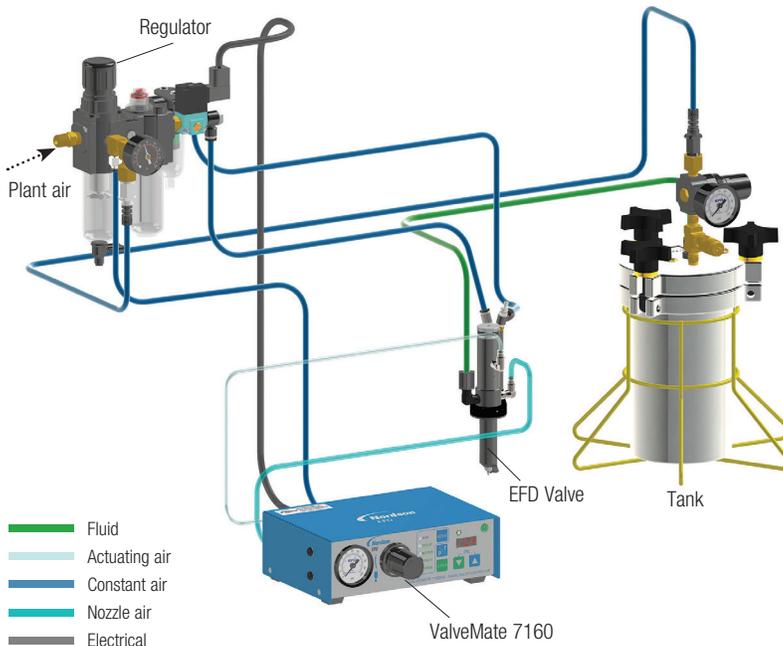
All stainless steel parts are passivated.  
US Patent No. D376,376



## Radial Spray Valve

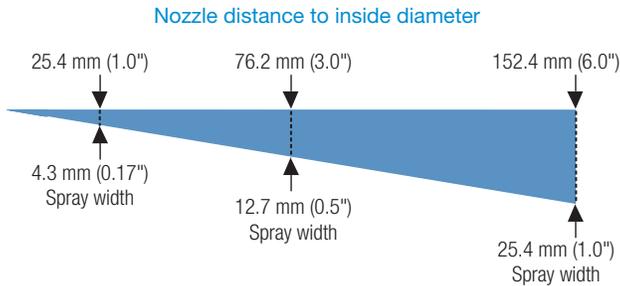
The complete system includes the 782RA dispense valve, ValveMate™ 7160RA controller, and the fluid reservoir.

Expert technical assistance and high quality standards ensure productive, trouble-free performance. EFD offers a full line of reliable dispensing systems to meet your specific application requirements.



## Fluid Reservoirs

Nordson EFD reservoirs are supplied with precision, constant-bleed regulators to ensure consistent fluid pressure to the valve. Tank reservoirs are available in 1.0, 5.0, and 19.0 liter capacities. Cartridge sizes range from 2.5 to 32 ounces and provide a clean cutoff to prevent wicking and drips. Contact Nordson EFD to order a supply.



## Select Your Controller

See the Valve Selection Guide for the controllers compatible with this valve — [www.nordsonefd.com/ValveGuide](http://www.nordsonefd.com/ValveGuide).

## Automated Dispensing Systems

Nordson EFD automated dispensing systems deliver market-leading repeatability and accuracy in fluid placement and positioning. Specialized dispensing software simplifies setup and programming. Optimize dispensing results with features such as laser height sensing and smart vision CCD cameras.

## Request a Process Evaluation

Contact Nordson EFD to configure a precision dispense system that meets your specific needs, with:

- A complimentary process evaluation by experienced fluid dispensing experts.
- Samples processed for customer evaluation and approval prior to purchase.



For Nordson EFD sales and service in over 40 countries, contact Nordson EFD or go to [www.nordsonefd.com](http://www.nordsonefd.com).

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